

Title (en)

CONTROL VALVE FOR INSTALLATION ON A MOTOR VEHICLE ENGINE

Title (de)

REGELVENTIL ZUM ANBAU AN EINEN KFZ-MOTOR

Title (fr)

SOUPAPE DE COMMANDE DESTINÉE À ÊTRE MONTÉE SUR UN MOTEUR DE VÉHICULE AUTOMOBILE

Publication

**EP 3164591 B1 20221102 (DE)**

Application

**EP 15730485 A 20150618**

Priority

- DE 102014109273 A 20140702
- EP 2015063664 W 20150618

Abstract (en)

[origin: WO2016000969A1] The invention relates to a control valve (2) for installation on a motor vehicle engine, having a housing (4) which has an inlet opening (6) and an outlet opening (8), between which there is arranged a valve seat which interacts with a valve closing body such that a fluidic connection (10) between the inlet opening (6) and outlet opening (8) can be blocked or established, wherein the valve closing body (12) is attached to a valve rod (14) which is mounted in a valve guide element (16) in the housing (4) and which can be moved by way of an actuator device (17), wherein a heating device (22) with at least one heating element (28, 34) is provided in the region of the valve guide element (16), wherein the at least one heating element (28, 34) is provided in the valve guide element (16).

IPC 8 full level

**F02M 26/00** (2016.01)

CPC (source: EP)

**F02M 26/50** (2016.02); **F02M 26/73** (2016.02); **F16K 49/002** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**DE 102014109273 A1 20160107**; EP 3164591 A1 20170510; EP 3164591 B1 20221102; WO 2016000969 A1 20160107

DOCDB simple family (application)

**DE 102014109273 A 20140702**; EP 15730485 A 20150618; EP 2015063664 W 20150618